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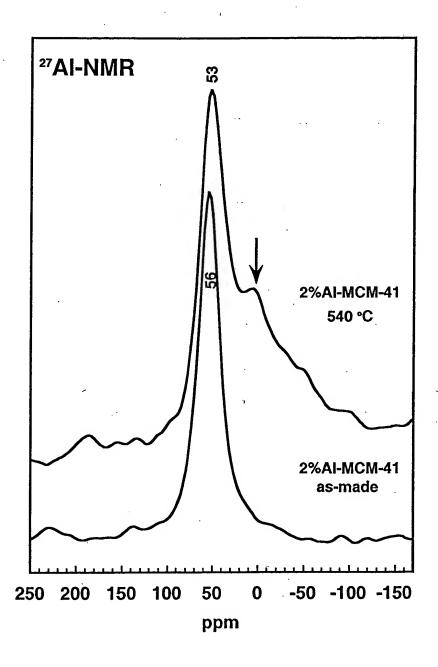


Figure 1

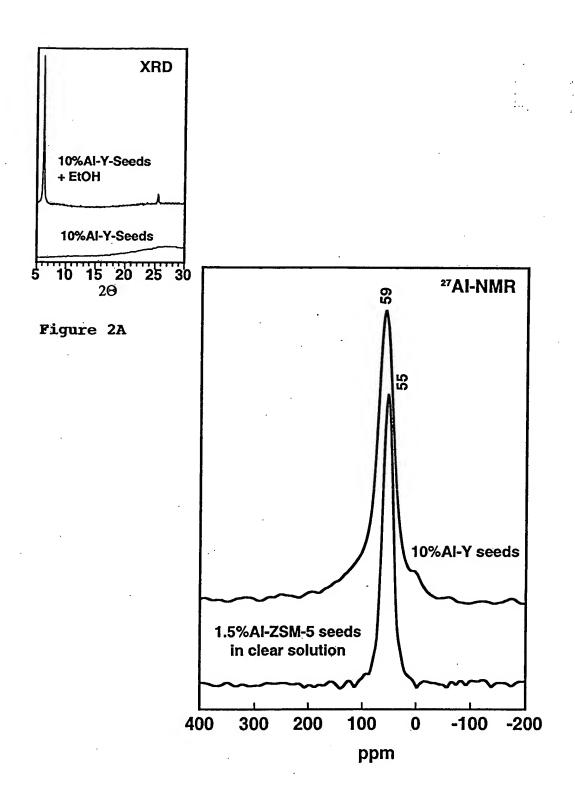


Figure 2

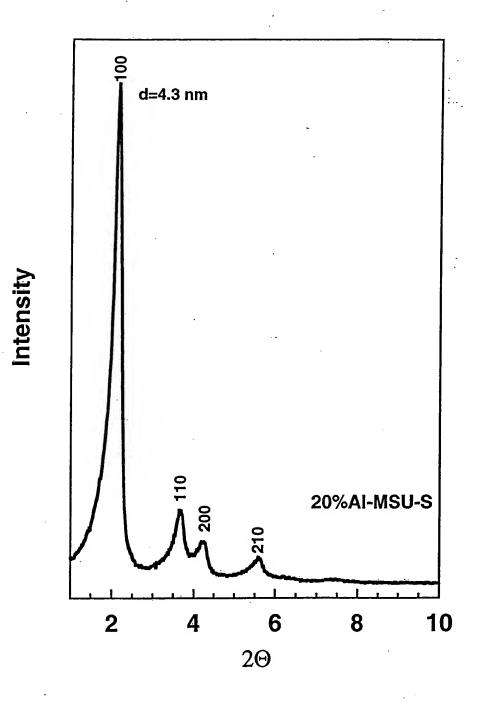


Figure 3

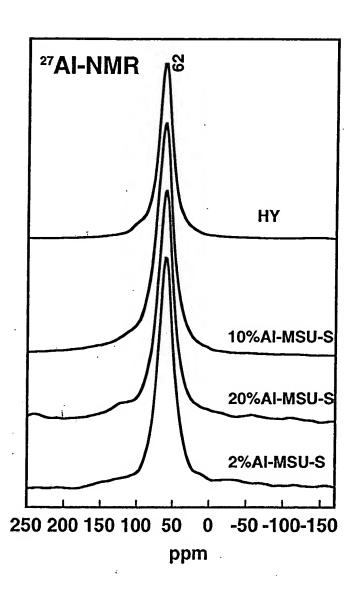


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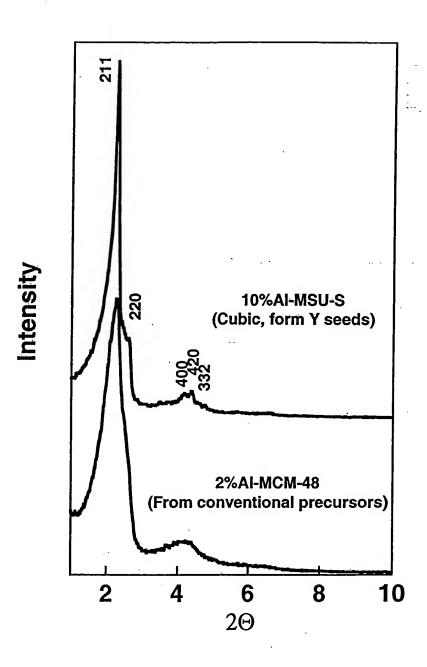


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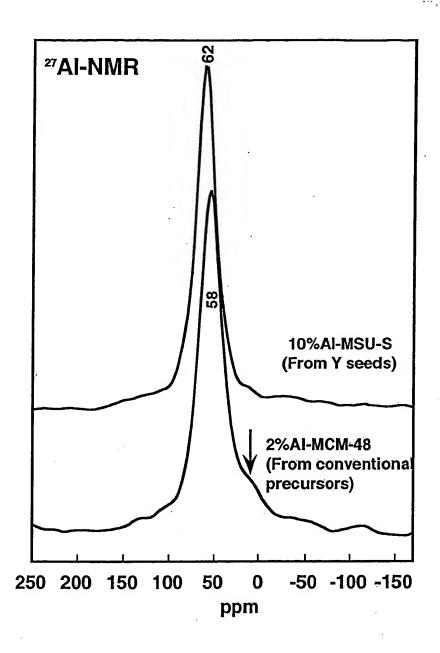


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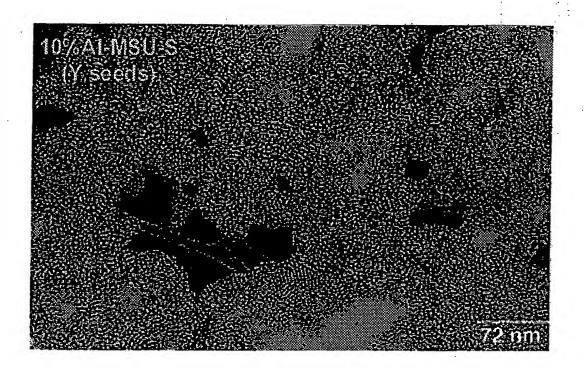


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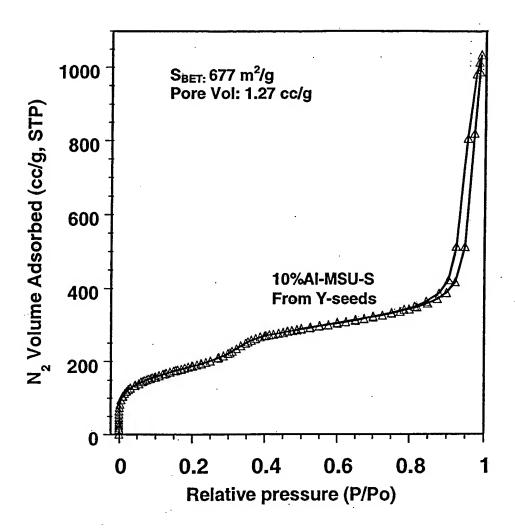


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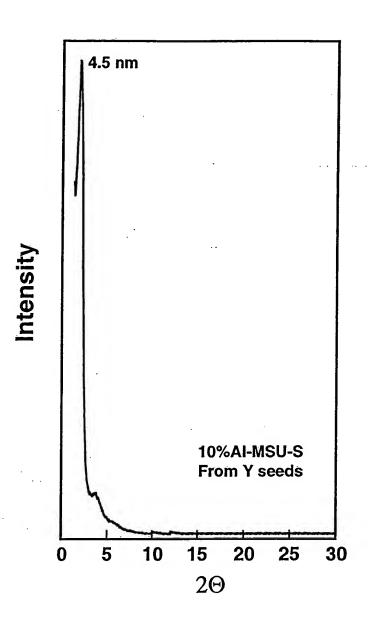


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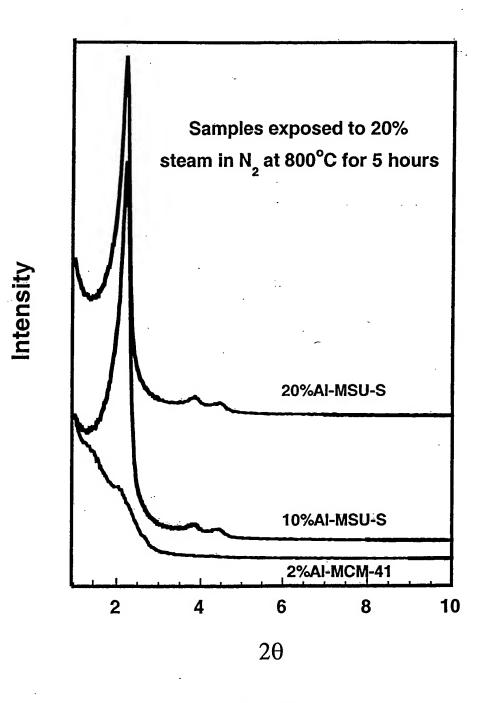
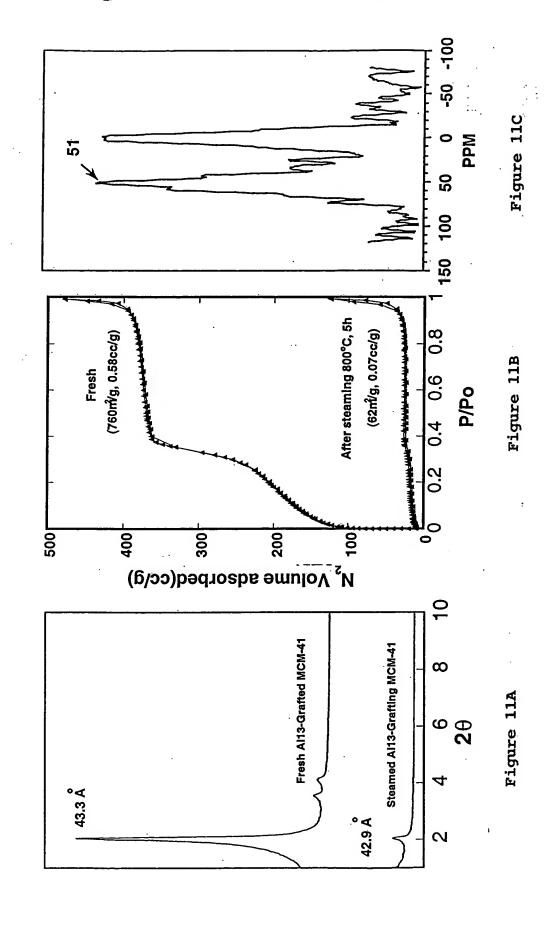


Figure 10

Testing of Mokaya's Al-MCM-41(Si/Al=6.1)



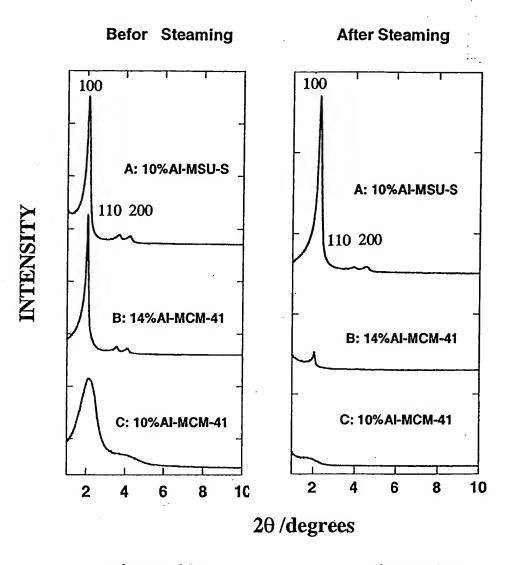


Figure 12A

Figure 12B

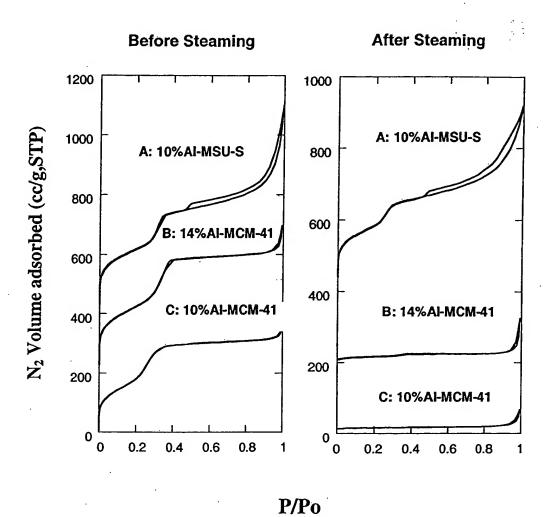


Figure 13A

Figure 13B

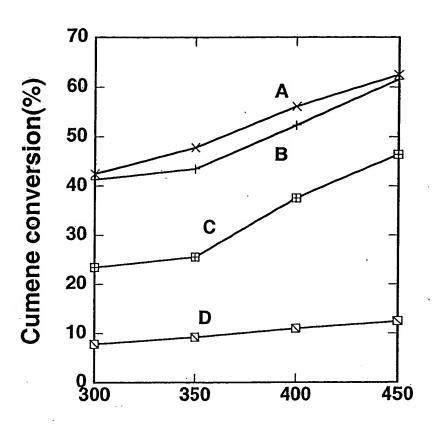


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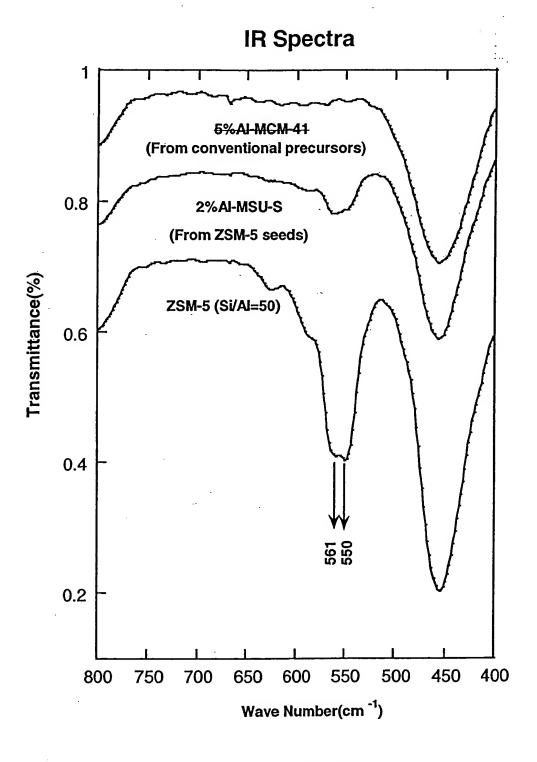


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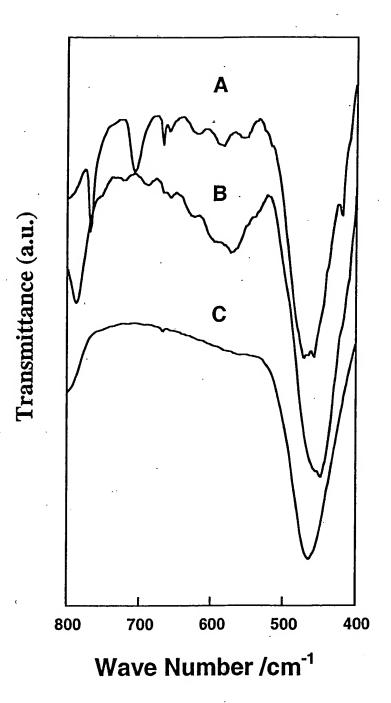
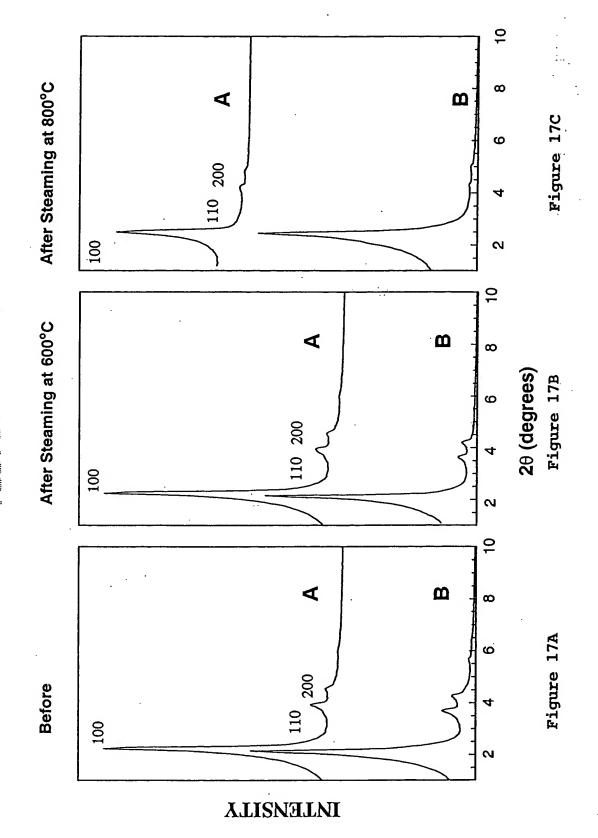
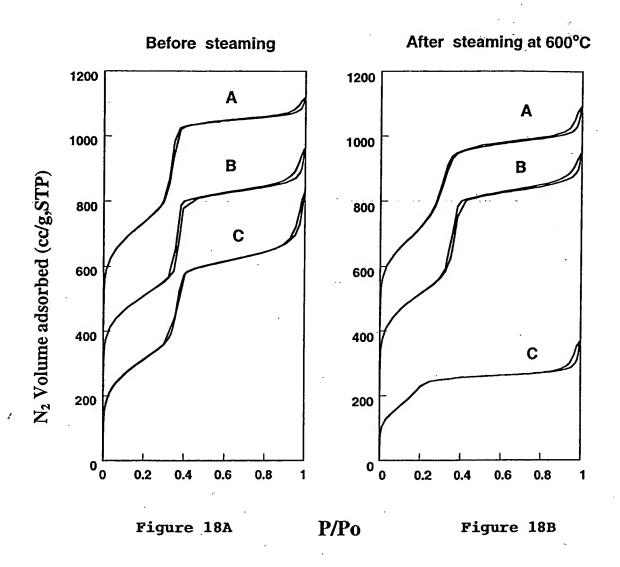


Figure 16





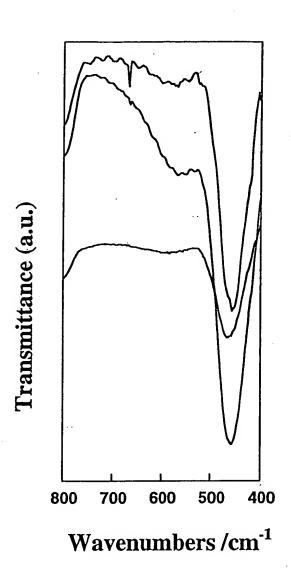


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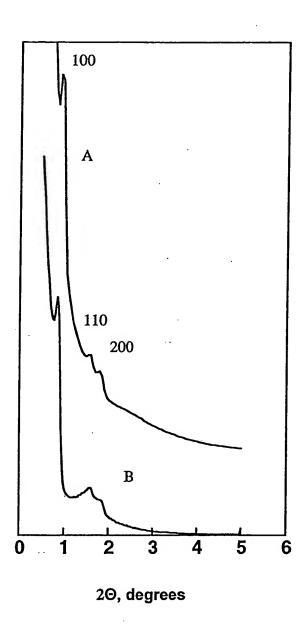
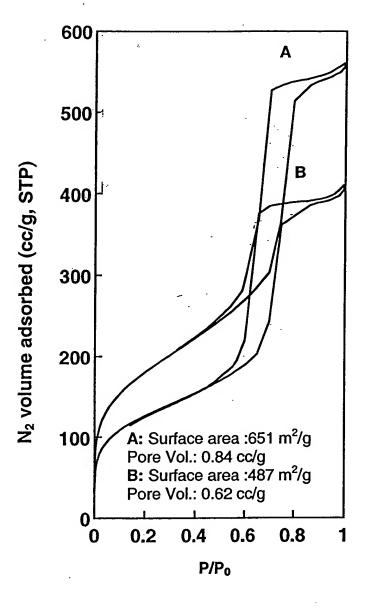


Figure 20





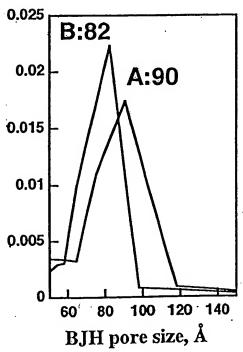


Figure 21A

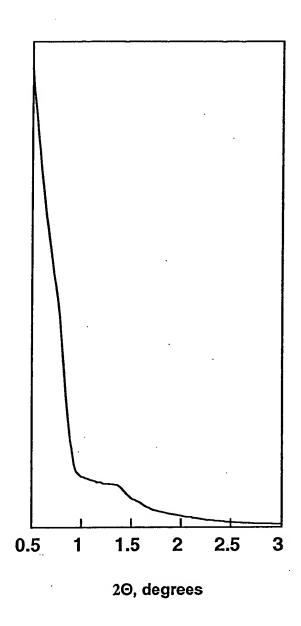
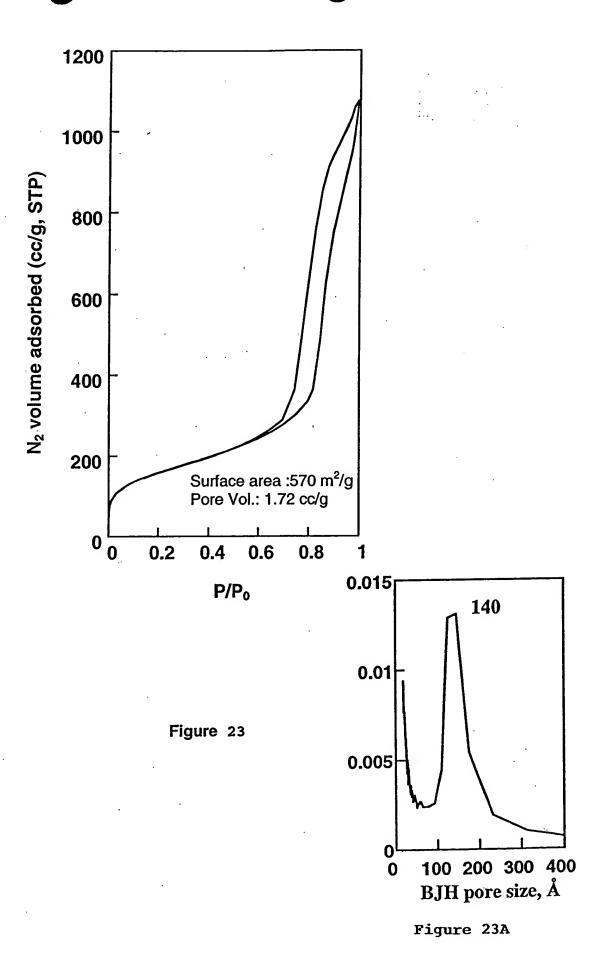
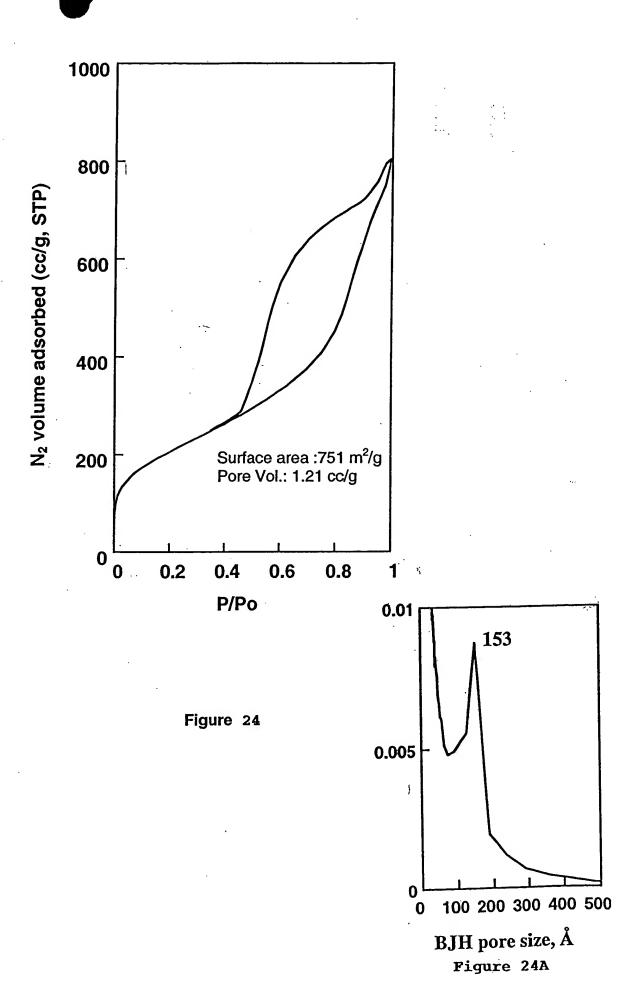
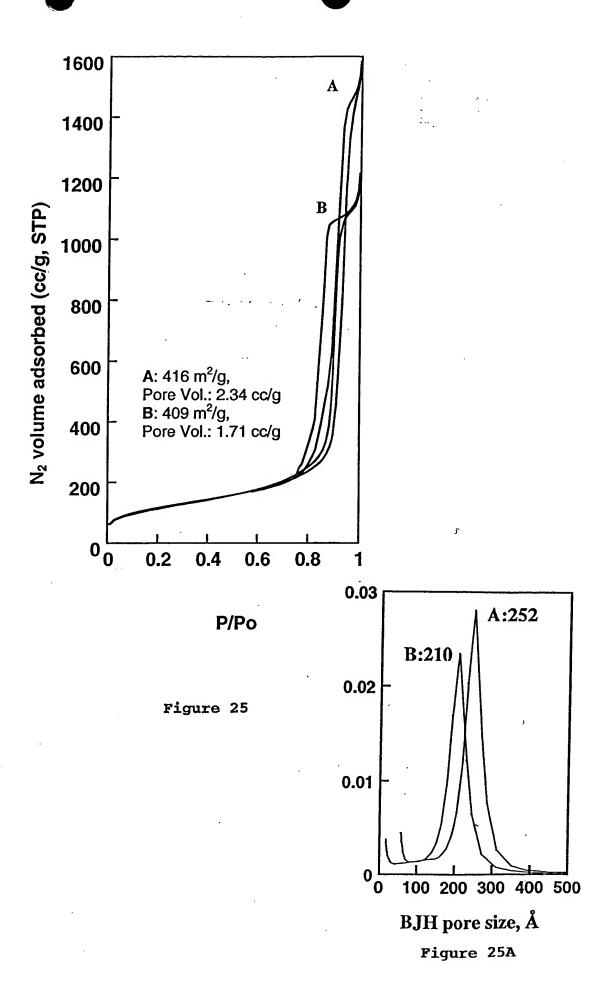


Figure 22







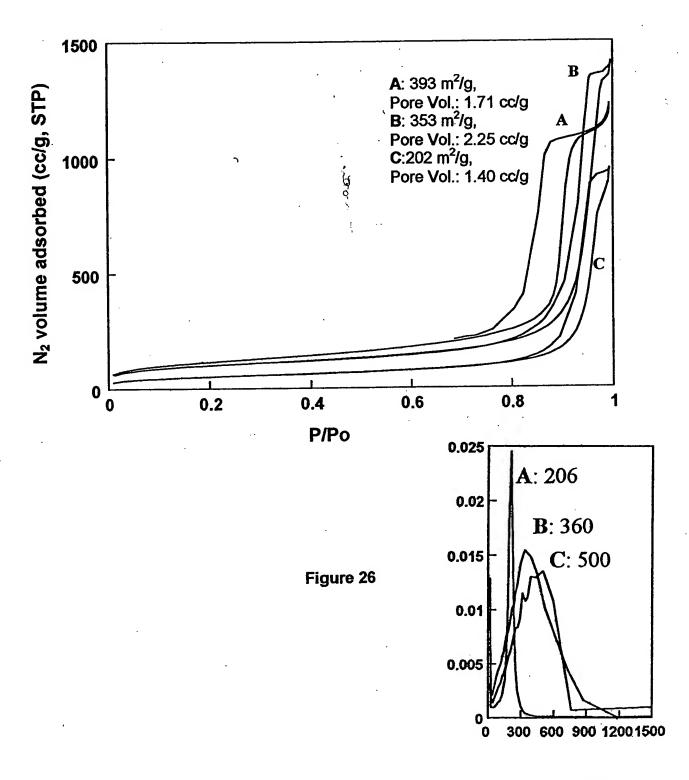
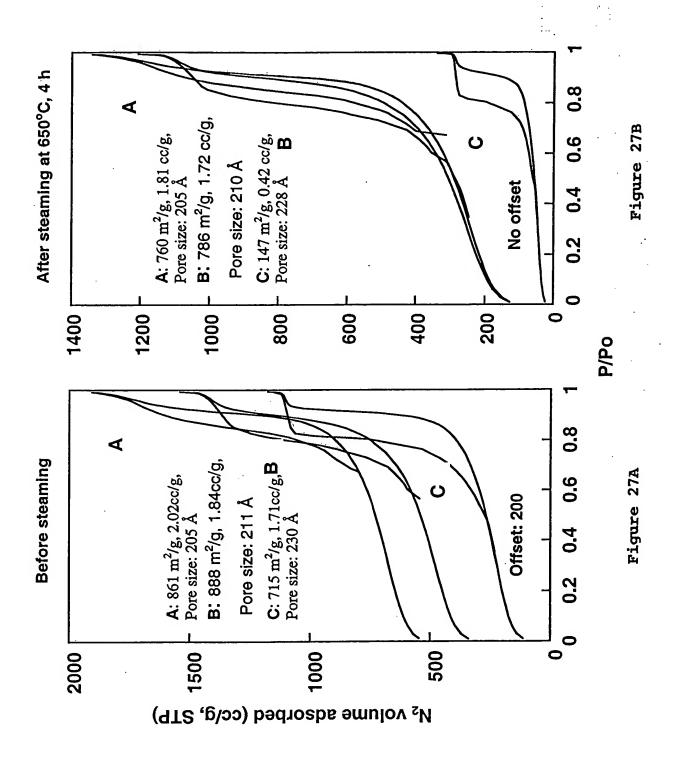
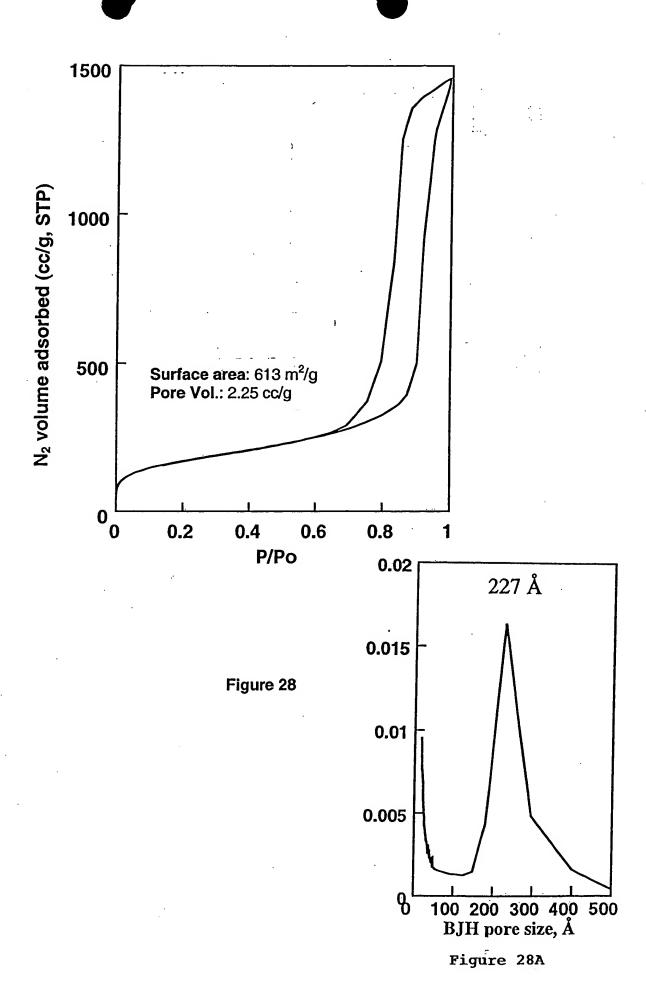


Figure 26A





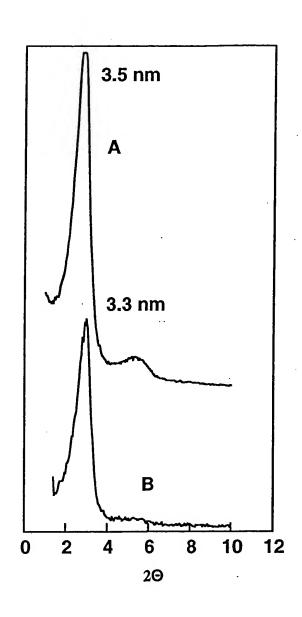
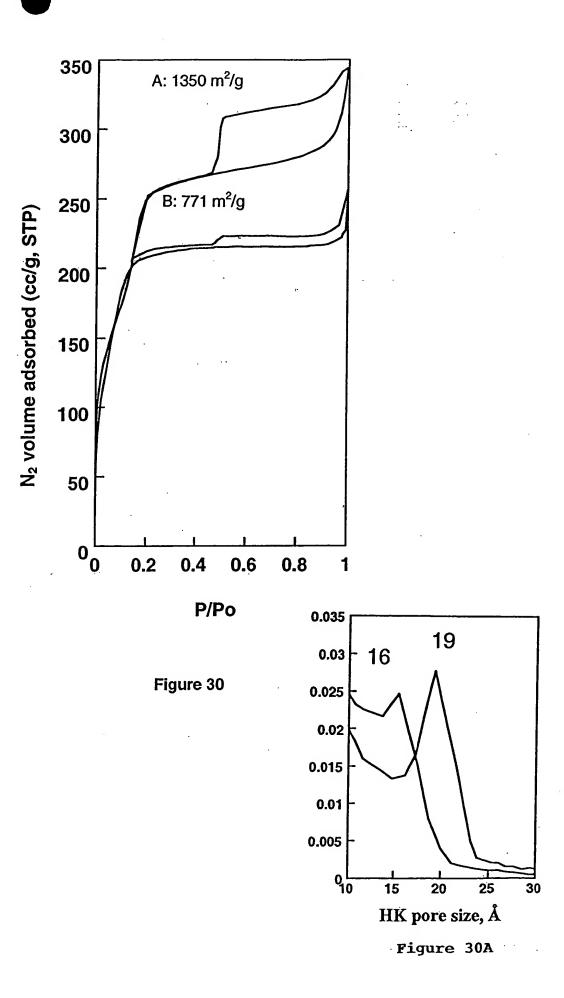


Figure 29



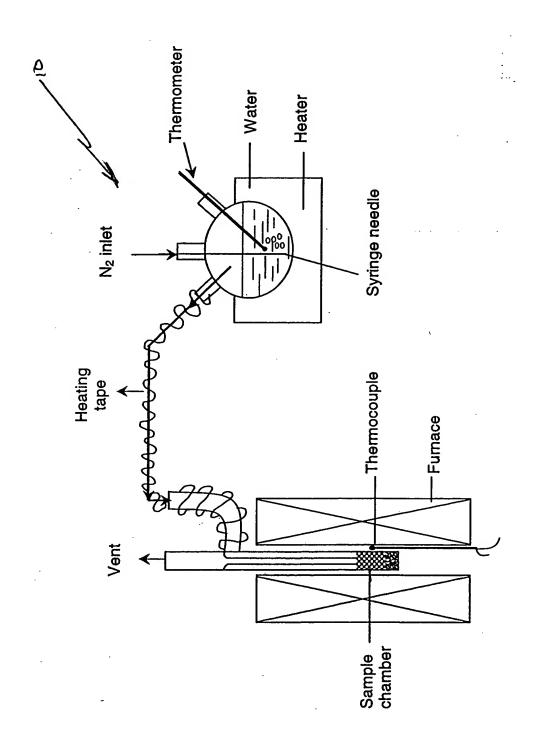


Figure 31

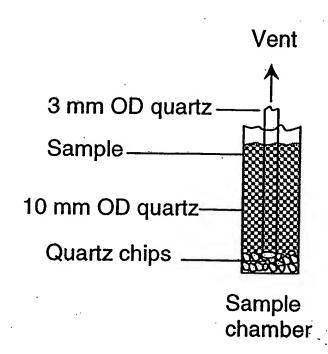
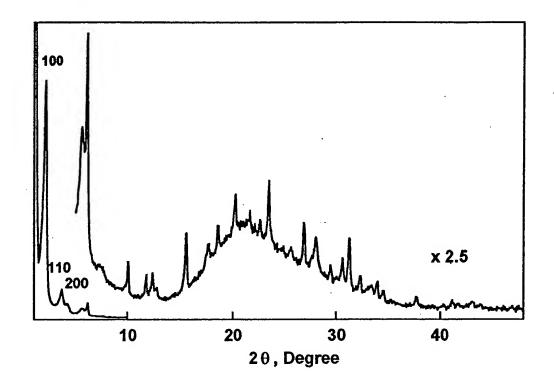
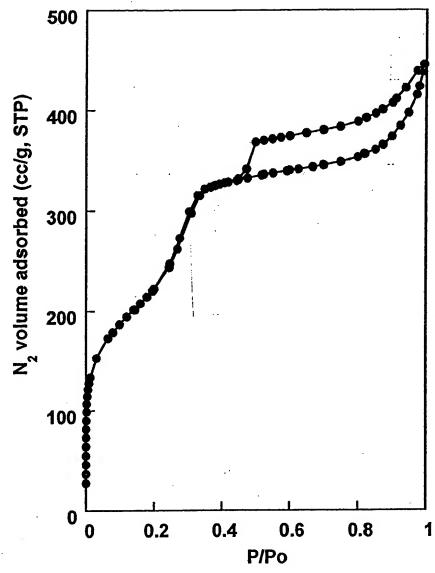


Figure 31A

FIGURE 32 (Example 31)





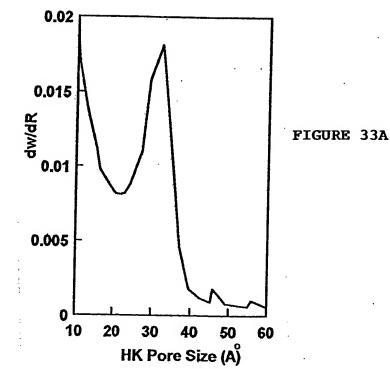


FIGURE 34 (Example 31)

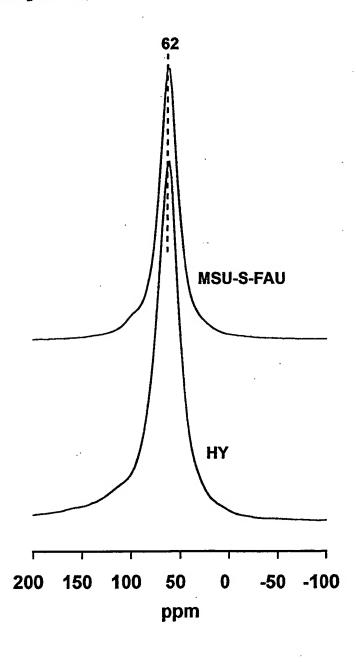
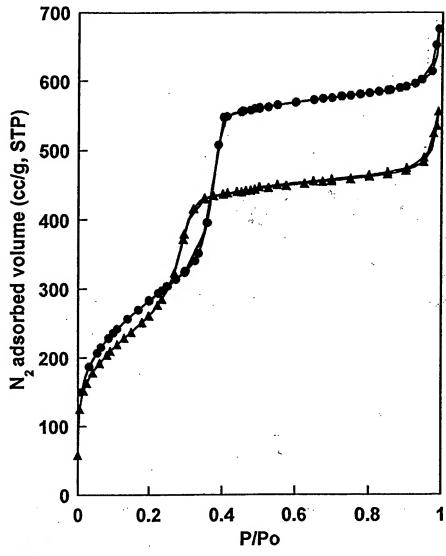




FIGURE 36 (Example 32)



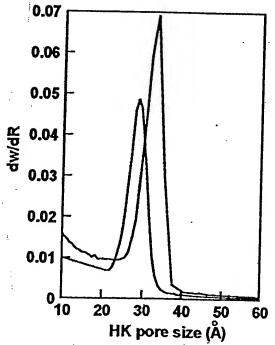


FIGURE 36A

FIGURE 37 (Example 33)

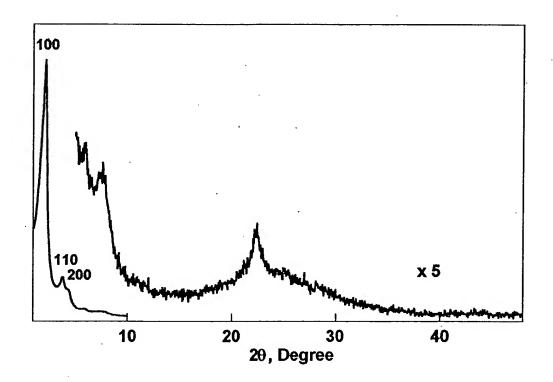
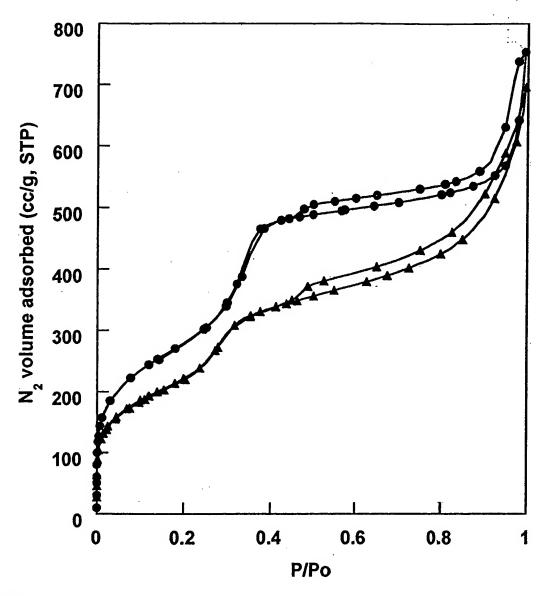


FIGURE 38 (Example 33)



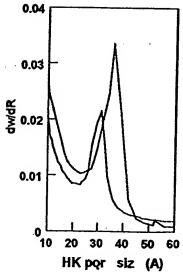
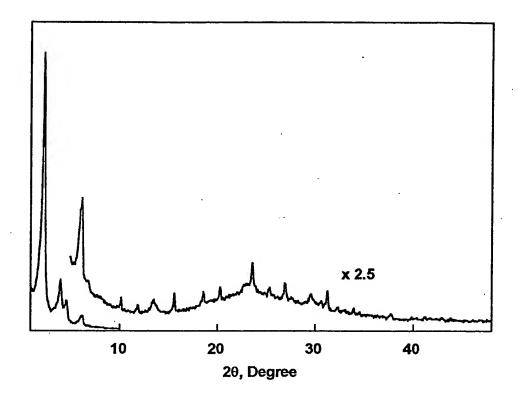
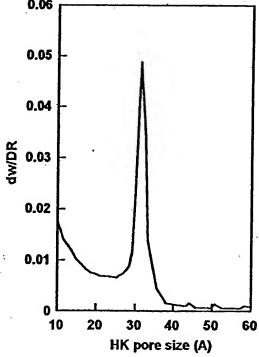


FIGURE 38A

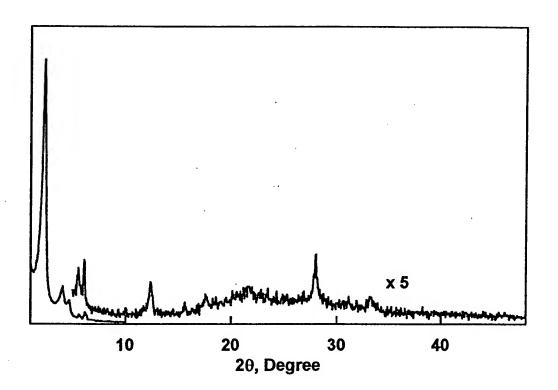
FIGURE 39 (Example 34)

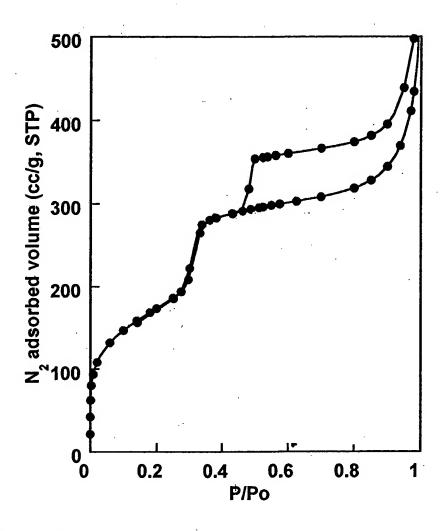




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FIGURE 41 (Example 35)





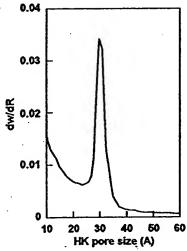
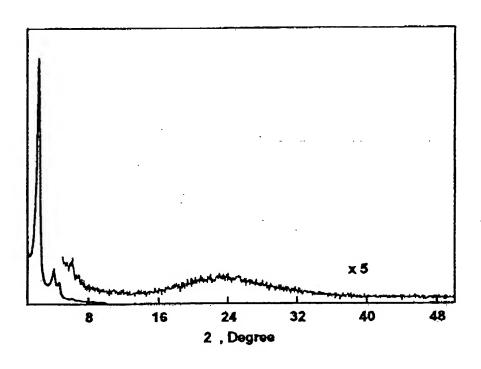


FIGURE 42A



20 30 40 HK pore size (A)

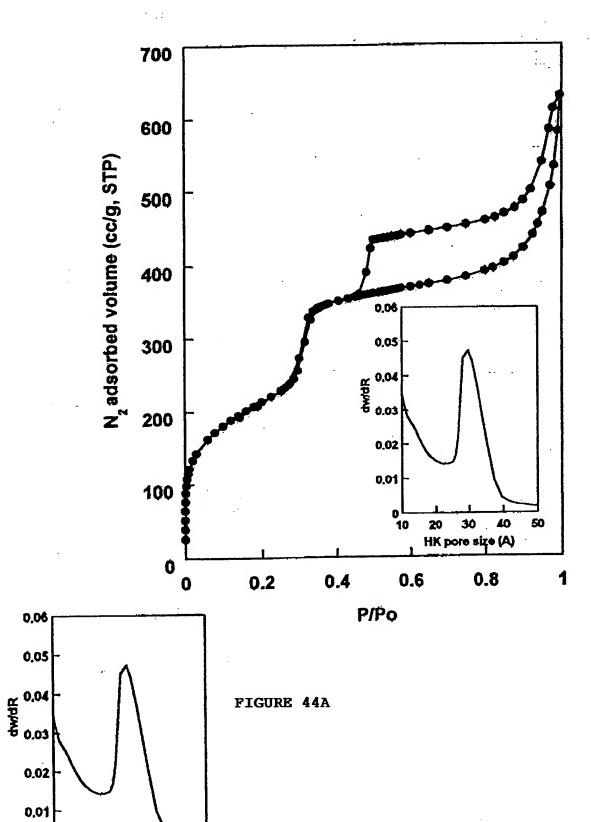


FIGURE 45 (Example 37)

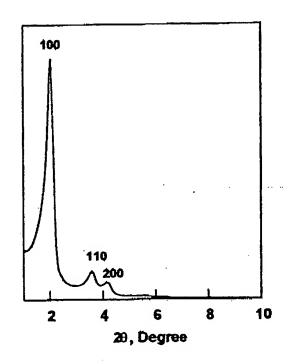
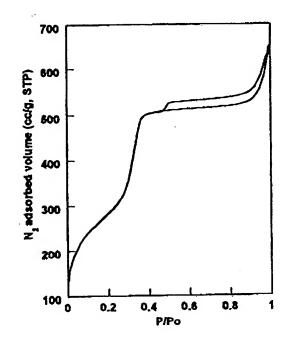


FIGURE 46 (Example 37)



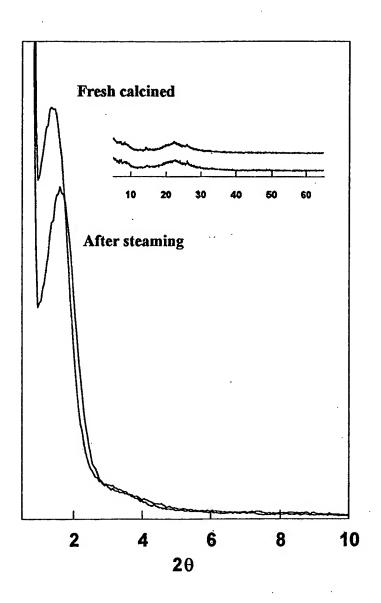


FIGURE 47

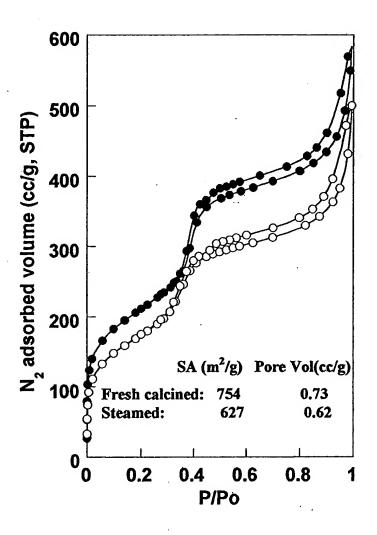


FIGURE 48

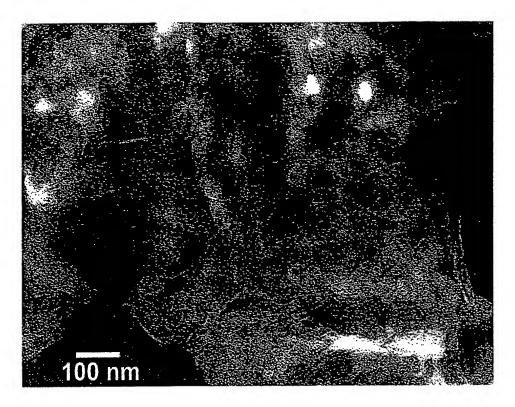


FIGURE 49

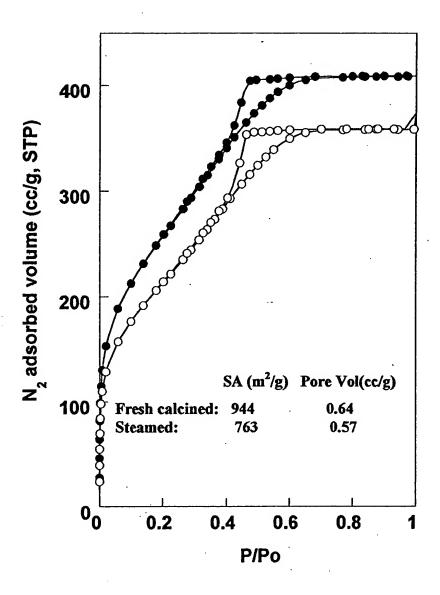


FIGURE 50

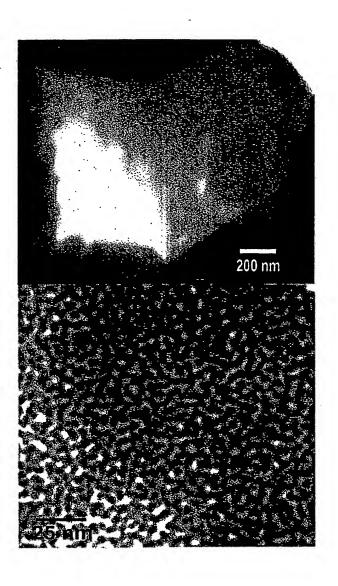


FIGURE 51